



North Dakota

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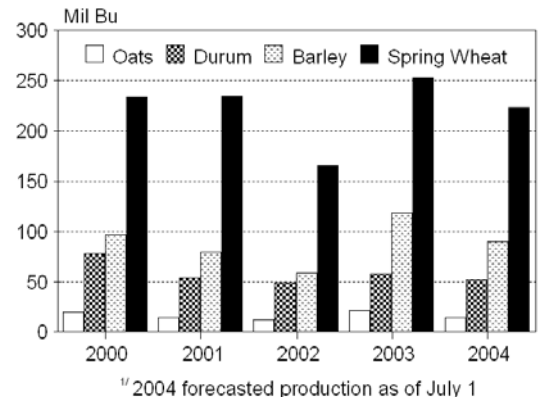
CROP PRODUCTION

North Dakota Other spring wheat production is forecast at 223.2 million bushels, down from 252.8 million bushels last year. Durum wheat production is forecast at 51.8 million bushels, down 11 percent from last year. Barley production is forecast at 90.1 million bushels, down from 118.8 million bushels last year. Oats production is forecast at 14.8 million bushels, down 30 percent from last year.

The crop production forecasts in this report are based on yield projections and acreage reports collected from a cross-section of North Dakota producers around July 1. This report is based on conditions around July 1 and assumes no extreme conditions the remainder of the crop season.

United States Spring wheat production is forecast at 501 million bushels, down 6 percent from 2003. The yield is forecast at 37.9 bushels per acre, 1.8 bushels lower than last year. Durum wheat production is forecast at 88.6 million bushels, down 8 percent from 2003. The yield is forecast at 33.2 bushels per acre, 0.5 bushel less than last year. Barley production for 2004 is forecast at 264 million bushels, 5 percent below 2003. The average yield is forecast at 63.5 bushels per acre, up 4.6 bushels from last year. Oats production is forecast at 122 million bushels, 16 percent below last year's 145 million bushels. The forecasted yield is 62.9 bushels per acre, down 2.1 bushels from 2003.

**Crop Production
North Dakota, 2000-2004^{1/}**



Acreage and Production, July 1, 2004

Crop	Planted		Harvested		Unit	Yield Per Harvested Acre			Production	
	2003	2004	2003	Indicated 2004		Average 1999-03 ^{1/}	2003	Indicated 2004	2003	Indicated 2004
--- 1,000 Acres ---										
--- 1,000 ---										
North Dakota										
Oats	620	500	360	280	Bu	55.4	59.0	53.0	21,240	14,840
Barley	2,050	1,650	1,980	1,580	Bu	52.6	60.0	57.0	118,800	90,060
Wheat, Durum	2,000	1,900	1,980	1,850	Bu	26.3	29.5	28.0	58,410	51,800
Other Spring	6,500	6,300	6,400	6,200	Bu	33.6	39.5	36.0	252,800	223,200
United States										
Oats	4,601	4,220	2,224	1,938	Bu	---	65.0	62.9	144,649	121,860
Barley	5,299	4,666	4,688	4,152	Bu	---	58.9	63.5	276,087	263,502
Wheat, Durum	2,915	2,742	2,869	2,671	Bu	---	33.7	33.2	96,637	88,571
Other Spring	13,840	13,677	13,429	13,210	Bu	---	39.7	37.9	532,820	500,765
Winter	44,945	43,450	36,541	34,825	Bu	---	46.7	42.2	1,707,069	1,469,735
All	61,700	59,869	52,839	50,706	Bu	---	44.2	40.6	2,336,526	2,059,071

^{1/} U.S. average yield not computed.

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POTATO ACREAGE

North Dakota

Potato planted acreage is estimated at 95,000 acres in 2004, down from 117,000 acres in 2003 and 118,000 acres in 2002. This would be the lowest planted acres since 1955's 92,000 acres. Acreage expected for harvest is 91,000, down 19 percent from last year.

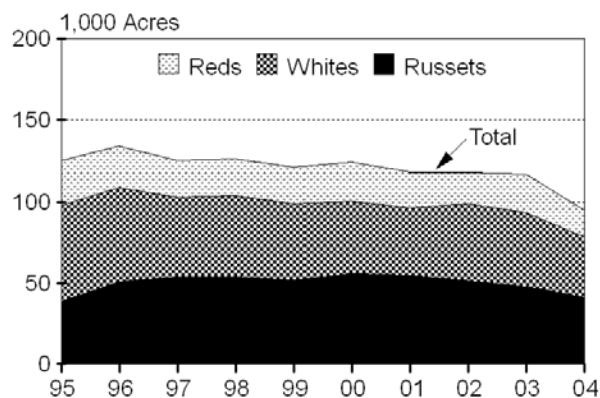
Russets accounted for 44 percent of the total acreage, up from 41 percent last year. Whites remained unchanged from last year, at 39 percent of the total. Reds accounted for 17 percent of the total, down from 20 percent in 2003.

Fall Potato Acres Planted

		Fall States Acres Planted						
State	Acres Planted		Planted by Type ^{1/}					
	2003	2004	Red		White		Russet	
			2003	2004	2003	2004	2003	2004
	-- 1,000 --		-- Percent --					
North Dakota	117.0	95.0	20	17	39	39	41	44
Colorado	66.3	65.0	5	5	12	13	83	82
Idaho	360.0	350.0	2	2	3	3	95	95
Maine	66.0	63.5	4	4	56	55	40	41
Michigan	46.0	43.0	4	3	83	84	13	13
Minnesota	60.0	53.0	28	23	11	10	61	67
New York	22.2	20.0	---	5	100	90	---	5
Oregon	42.8	40.0	2	4	26	22	72	74
Pennsylvania	14.5	12.0	---	4	100	96	---	---
Washington	163.0	160.0	6	3	9	9	85	88
Wisconsin	81.0	75.0	10	11	38	32	52	57
Total-11 Major States	---	---	7	6	23	21	70	73
Total Fall States	1,107.6	1,037.8	---	---	---	---	---	---

^{1/} Predominant type shown may include small portion of other type(s) constituting less than 1 percent of State's total.

**Potato Acres Planted
North Dakota, 1995-2004 ^{1/}**



DRY EDIBLE PEA & LENTIL ACREAGE

North Dakota

Dry edible pea planted acreage in North Dakota is estimated at 280,000 acres for 2004, up from 160,000 acres last year and 155,000 acres in 2002. This is the highest dry edible pea acreage estimate for North Dakota on record. Dry edible pea acreage estimates were added to the program in 1998 when 100,000 acres were planted.

Lentil planted acreage is estimated at 90,000 acres, up from 55,000 acres last year and 53,000 acres in 2002. This is also the highest acreage on record since 1998 when lentil acreage was first estimated at 22,000 acres.

Dry Edible Pea and Lentil Acreage

Class	Planted		Harvested	
	2003	2004	2003	Indicated 2004
	--- 1,000 Acres ---			
	Dry Edible Peas ^{1/}			
North Dakota	160.0	280.0	155.0	265.0
Idaho	55.0	57.0	54.0	56.0
Montana	33.0	50.0	31.0	40.0
Oregon	6.5	3.0	6.5	3.0
Washington	83.0	90.0	82.0	90.0
United States	337.5	480.0	328.5	454.0
	Lentils			
North Dakota	55.0	90.0	54.0	88.0
Idaho	68.0	72.0	66.0	70.0
Montana	30.0	38.0	26.0	35.0
Washington	93.0	100.0	91.0	100.0
United States	246.0	300.0	237.0	293.0

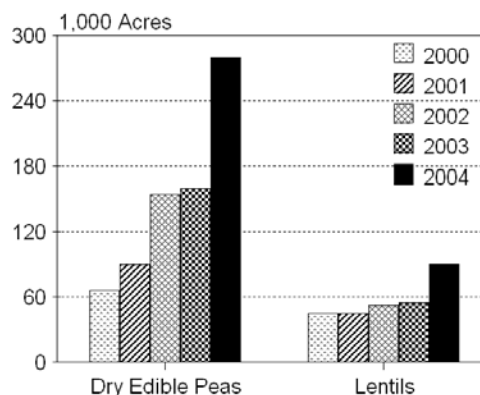
^{1/} Excludes both wrinkled seed peas and Austrian winter peas.

United States

Planted acreage of dry edible peas in Idaho, Montana, North Dakota, Oregon and Washington for 2004 is estimated at 480,000 acres, up 42 percent from last year and 55 percent above 2002.

Planted acreage of lentils in Idaho, Montana, North Dakota, and Washington is estimated at 300,000 acres, up 22 percent from last year and 33 percent above 2002.

**Dry Pea and Lentil Planted Acres
North Dakota, 2000-2004**



FARM PRODUCTION EXPENDITURES

Northern Plains

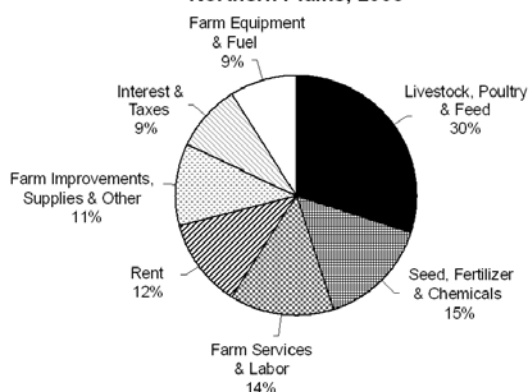
Farm production expenditures for the Northern Plains Region totaled \$26.1 billion in 2003, up 7.9 percent from 2002. The Northern Plains Region includes North Dakota, South Dakota, Nebraska and Kansas. Nationally, farm production expenses increased 3.0 percent from 2002. Livestock, poultry, and related expenses, the largest expenditure in the Northern Plains, increased 14.5 percent. Interest expense had one of the largest percentage drops, down 12.5 percent from last year. Nationally, interest expense decreased 11.4 percent, which was also the largest percentage drop. Decreases in expenditures were reported in farm services, interest expense, taxes expense, and farm supplies and repairs expense for Northern Plains operations. All other expense categories for Northern Plains operations showed increases from 2002. The largest increase in expenditures for Northern Plains operations was for the farm improvements & construction category, up 98.1 percent from 2002.

Livestock, poultry and related expenses accounted for 18.1 percent of the Northern Plains total production expenses, while rent, feed, and farm services accounted for 11.8, 11.4, 10.6 percent, respectively. The farm services category includes items such as crop custom work, veterinary services, custom feeding, transportation costs, marketing charges, insurance, leasing of machinery and equipment, miscellaneous business expenses, and utilities.

United States

Farm production expenditures totaled \$198.9 billion in 2003, up 3.0 percent from the revised 2002 total of \$193.1 billion. The largest contributors to the increase were farm improvements and construction, up 43.8 percent; feed, up 8.4 percent; trucks and autos, up 7.1 percent and other farm machinery, up 5.4 percent. These increases were partially offset by decreases in interest, down 11.4 percent; farm supplies and repairs, down 9.8 percent; and labor, down 1.4 percent. The largest two expenditure categories were feed, which accounted for 13.6 percent of the U.S. total production expenses, and farm services which accounted for 13.5 percent of the U.S. total production expenses.

**Farm Production Expenditures
Northern Plains, 2003**



Farm Production Expenditures, Northern Plains and United States, 2002-2003

Expenditure - Farm Share	Northern Plains (KS, NE, ND AND SD)				United States ^{1/}			
	Average Per Farm ^{2/}		Total Expenditures		Average Per Farm ^{2/}		Total Expenditures	
	2002	2003	2002	2003	2002	2003	2002	2003
	--- Dollars ---		--- Million Dollars ---		--- Dollars ---		--- Million Dollars ---	
Total Farm Production Expenditures ^{3/ 4/}	136,169	149,057	24,170	26,070	89,722	93,785	193,100	198,900
Livestock, Poultry & Related Expenses ^{5/}	23,268	27,044	4,130	4,730	8,503	8,959	18,300	19,000
Feed	13,239	17,038	2,350	2,980	11,570	12,731	24,900	27,000
Farm Services ^{6/}	15,775	15,838	2,800	2,770	12,452	12,637	26,800	26,800
Rent ^{7/}	16,901	17,553	3,000	3,070	7,527	7,733	16,200	16,400
Agricultural Chemicals ^{8/}	6,704	6,861	1,190	1,200	3,857	3,961	8,300	8,400
Fertilizer, Lime & Soil Conditioners ^{8/}	7,662	8,176	1,360	1,430	4,461	4,715	9,600	10,000
Interest	8,113	7,204	1,440	1,260	4,879	4,385	10,500	9,300
Taxes (Real Estate & Property)	5,915	5,832	1,050	1,020	3,160	3,206	6,800	6,800
Labor	5,690	5,832	1,010	1,020	9,990	9,996	21,500	21,200
Fuels	5,521	5,889	980	1,030	3,020	3,159	6,500	6,700
Farm Supplies & Repairs ^{9/}	8,563	8,062	1,520	1,410	5,669	5,187	12,200	11,000
Farm Improvements & Construction ^{10/ 11/}	3,042	6,118	540	1,070	3,717	5,422	8,000	11,500
Tractors and Self-Propelled Farm Machinery	3,268	4,059	580	710	2,881	3,065	6,200	6,500
Other Farm Machinery	3,268	3,488	580	610	1,719	1,839	3,700	3,900
Seeds & Plants ^{12/}	6,592	6,861	1,170	1,200	4,135	4,385	8,900	9,300
Trucks & Autos	2,479	2,916	440	510	1,951	2,122	4,200	4,500

^{1/} Excludes AK and HI. ^{2/} Total expenditures divided by total number of farms. ^{3/} Total includes production costs not allocated to any of the 16 expense categories published. ^{4/} Includes landlord and contractor share of farm production expenses. ^{5/} Includes purchases and leasing of livestock and poultry. ^{6/} Includes all crop custom work, veterinary services, custom feeding, transportation costs, marketing charges, insurance, leasing of machinery and equipment, miscellaneous business expenses, and utilities. ^{7/} Includes public and private grazing fees. ^{8/} Includes material and application costs. ^{9/} Includes bedding and litter, marketing containers, power farm shop equipment, miscellaneous non-capital equipment and supplies, repairs and maintenance of livestock and poultry equipment, and capital equipment for livestock and poultry. ^{10/} Includes all expenditures related to new construction or repairs of buildings, fences, operator dwelling (if dwelling is owned by operation), and any improvements to physical structures of land. ^{11/} Changed to include operator dwelling expenses (if dwelling is owned by operation) in 2003. ^{12/} Excludes bedding plants, nursery stock, and seed purchased for resale. Includes seed treatment.

MILK PRODUCTION

North Dakota Milk production during the April-June quarter totaled 136 million pounds. Production increased 7 million pounds from the January-March quarter, but down 7 million pounds when compared to the April-June quarter in 2003. The average number of milk cows during the quarter increased 1,000 head from the last quarter to 34,000. Milk produced per cow averaged 4,000 pounds, up from 3,900 pounds last quarter and 3,960 pounds during the April-June 2003 quarter.

United States Milk production in the United States during the April-June quarter totaled 43.7 billion pounds, down 0.6 percent from the April-June quarter last year. The average number of milk cows in the U.S. during the quarter was 9.00 million head, 112,000 head less than the same period last year.

Milk Production April-June Quarter					
State	Milk Cows ^{1/}		Milk Production ^{2/}		
	2003	2004	2003	2004	Change from 2003
	-- 1,000 Head --		-- Million Pounds --		-- Percent --
North Dakota	36	34	143	136	-4.9
California	1,685	1,720	9,097	9,247	1.6
Minnesota	475	462	2,136	2,084	-2.4
New York	677	656	3,098	3,006	-3.0
Wisconsin	1,258	1,243	5,691	5,618	-1.3
United States	9,109	8,997	43,965	43,702	-0.6

1/ Includes dry cows, excludes heifers not yet fresh. 2/ Excludes milk sucked by calves.



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